

Texas Department of Public Safety Texas Division of Emergency Management

Texas State Operations Center



Situation Awareness Brief

Saturday, April 18th 2015
As of 0900 CST



Incidents Reported to the State Operations Center (last 24 hours)

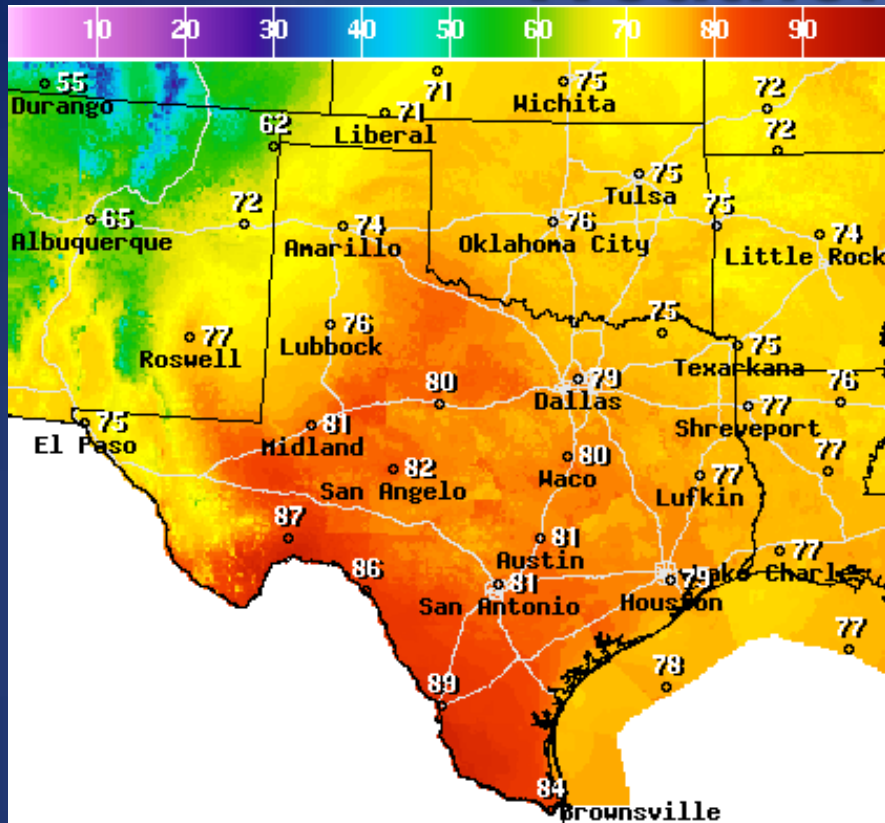
DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
04/17/15	Initial and Final Report of Storm Damages due to Possible Tornadoes and High Winds	Walker County	Y
04/17/15	Initial Report of an Explosion at the Shale Tank Truck Facility	Hobson / Karnes County	N
04/17/15	Final Report of an Explosion at the Shale Tank Truck Facility	Hobson / Karnes County	Y

Informational Products

Distributed by the State Operations Center

DATE	SUBJECT
04/17/15	NWS Houston/Galveston: Severe Weather Update 1 pm Friday for Southeast Texas
04/17/15	FEMA Region 6 Disaster Situation Awareness Report
04/17/15	NWS Austin/San Antonio: Weather Update 2:25 PM
04/17/15	FEMA Region 6: Watch Awareness Report #2 - Severe Weather Potential
04/17/15	Texas Disability Integration Newsletter
04/17/15	NWS Shreveport: Severe Thunderstorms Possible on Sunday April 19th
04/17/15	NWS Amarillo: Public Information Statement NWS Damage Survey for April 16 Tornado Event
04/18/15	NWS Houston/Galveston: Strong to Severe Thunderstorms Possible This Afternoon in Southeast Texas
04/18/15	Daily NWS Threat Brief for Saturday for FEMA Region 6

Weather Forecast



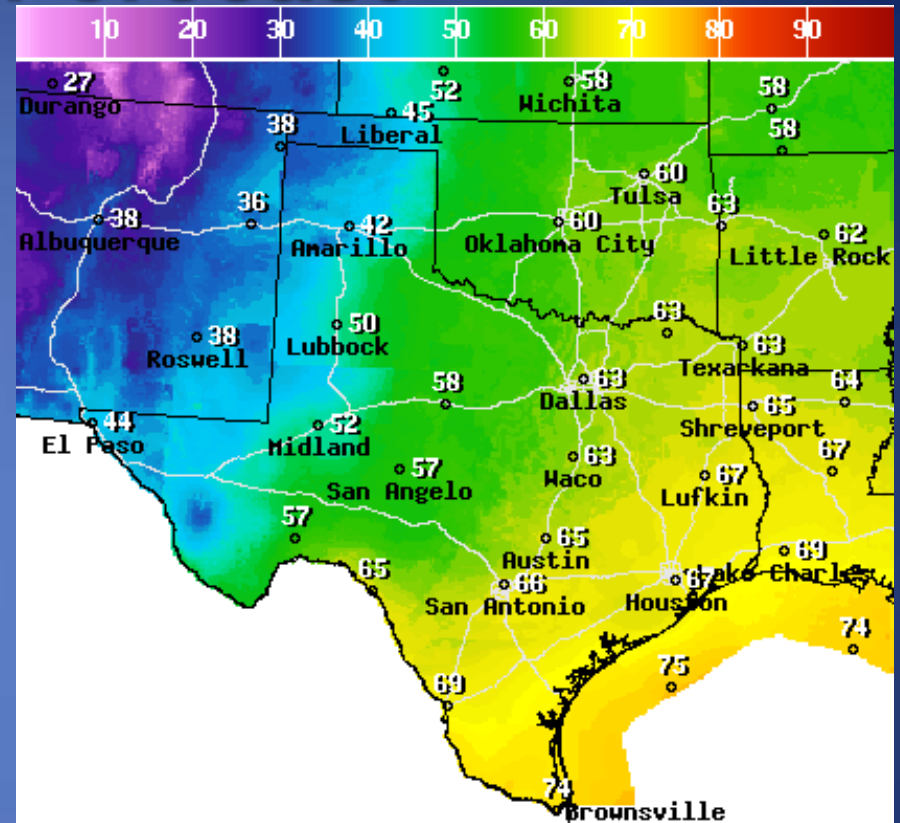
National Digital Forecast Database

09z issuance

Graphic created-Apr 18 5:12AM EDT



Highs



National Digital Forecast Database

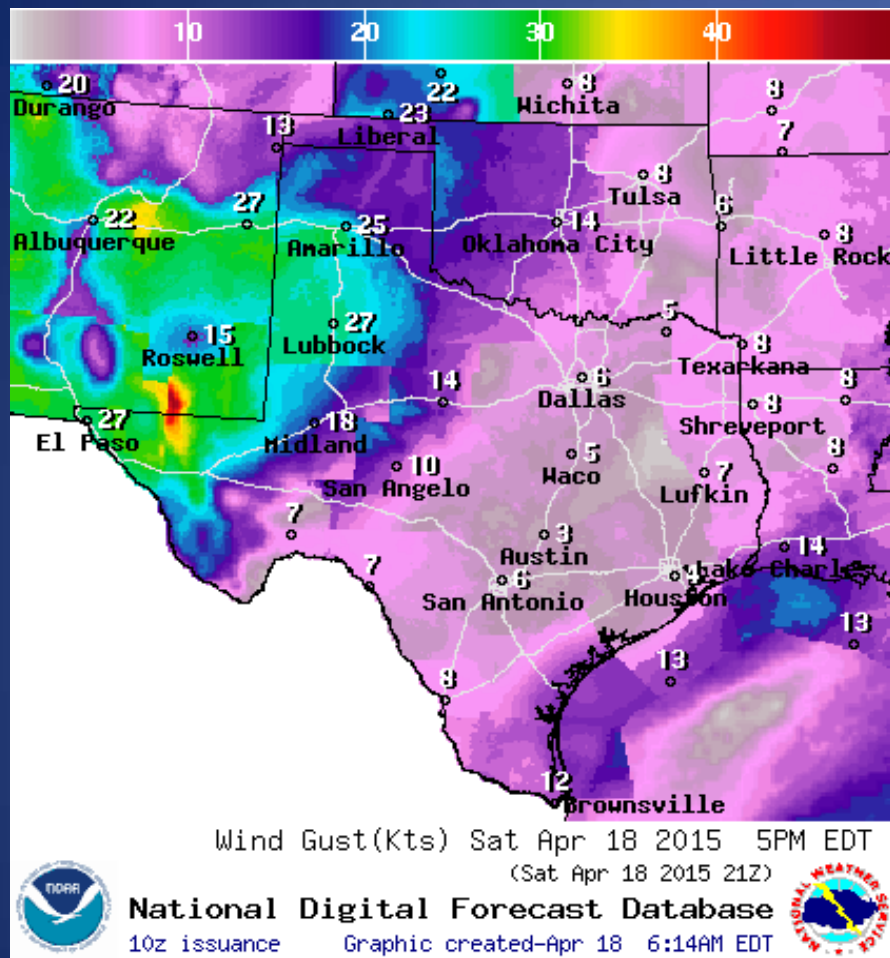
09z issuance

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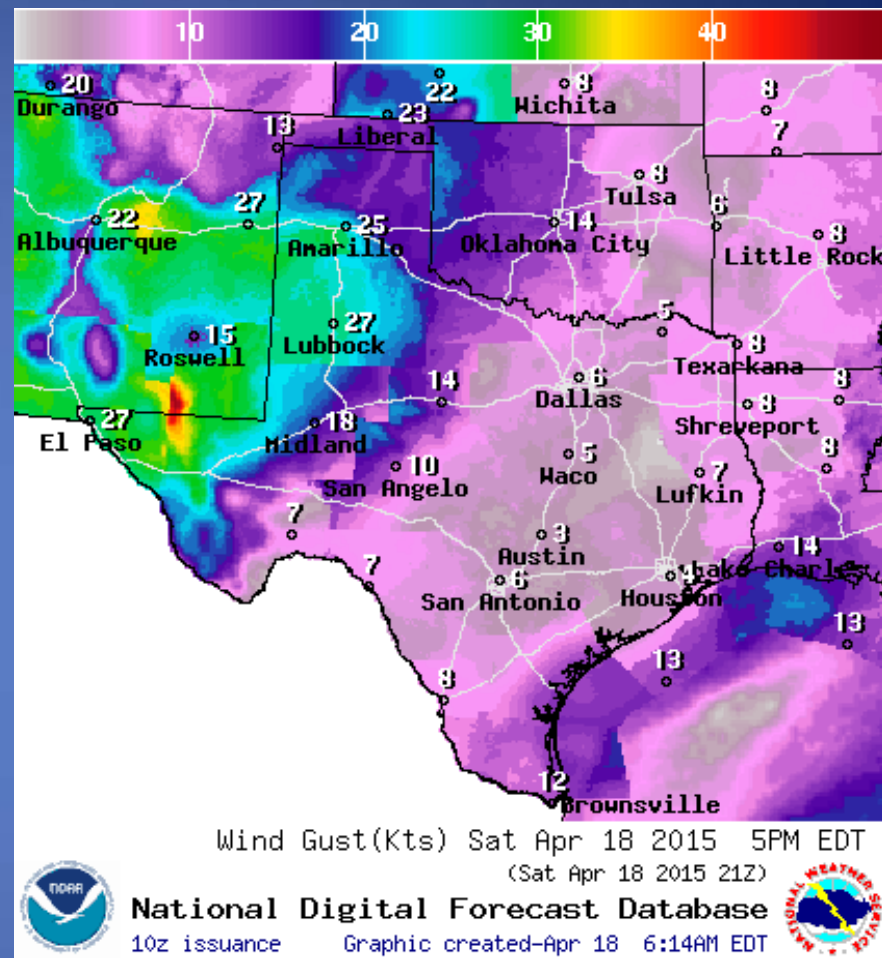


Lows

Weather Forecast



Wind Speeds



Gusts

Hazardous Weather

Day 1 Weather Hazards

Valid: 0800 Sat - 0800 Sun



Elevated fire conditions

Slight risk of severe weather; large hail and damaging winds

Flash flooding risk

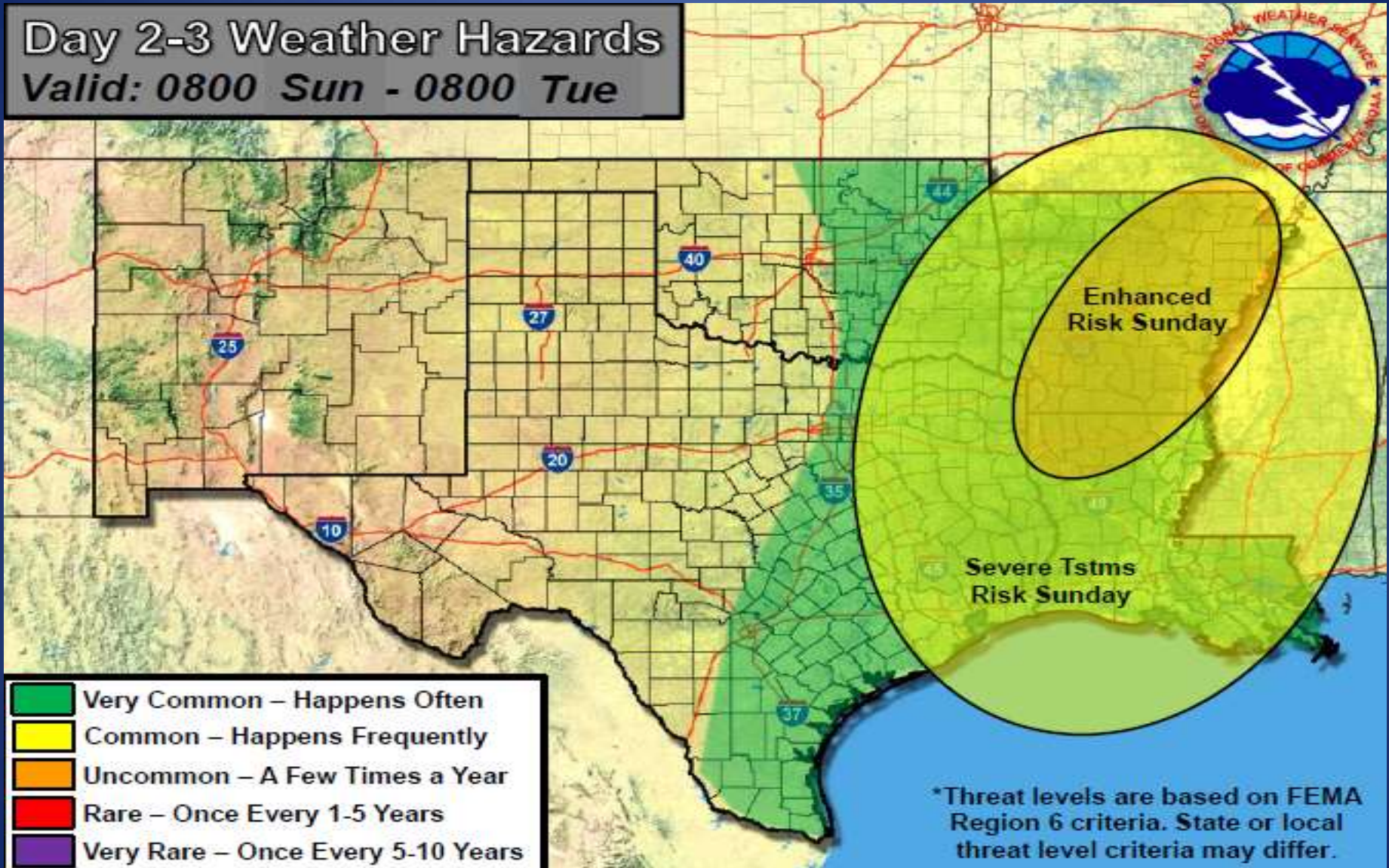
- | | |
|--|-----------------------------------|
| | Very Common – Happens Often |
| | Common – Happens Frequently |
| | Uncommon – A Few Times a Year |
| | Rare – Once Every 1-5 Years |
| | Very Rare – Once Every 5-10 Years |

*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

Hazardous Weather

Day 2-3 Weather Hazards

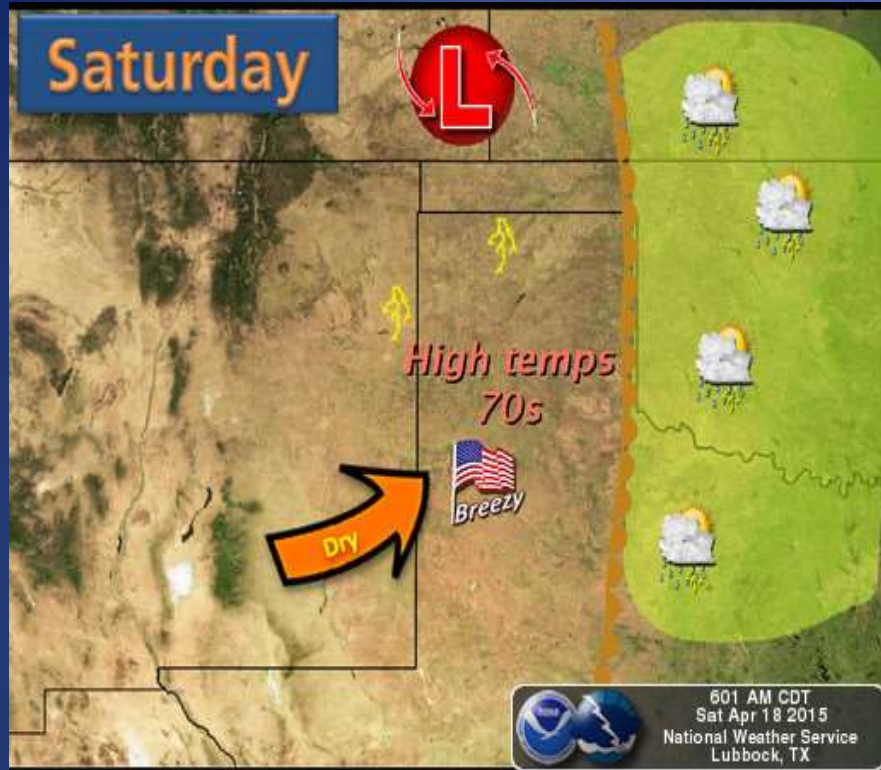
Valid: 0800 Sun - 0800 Tue



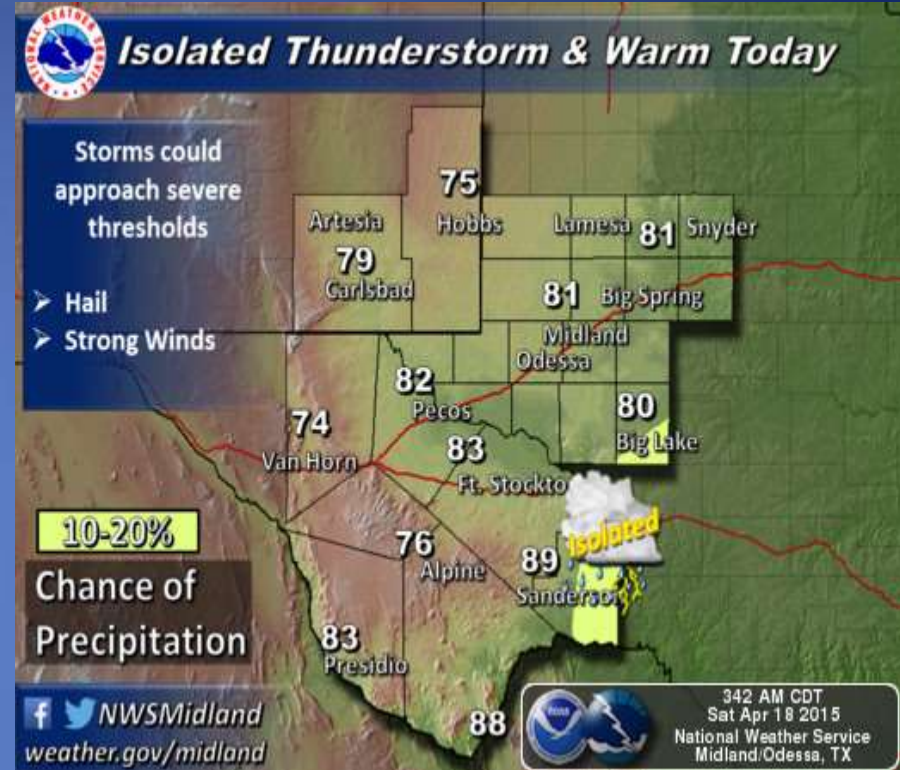
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Hazardous Weather

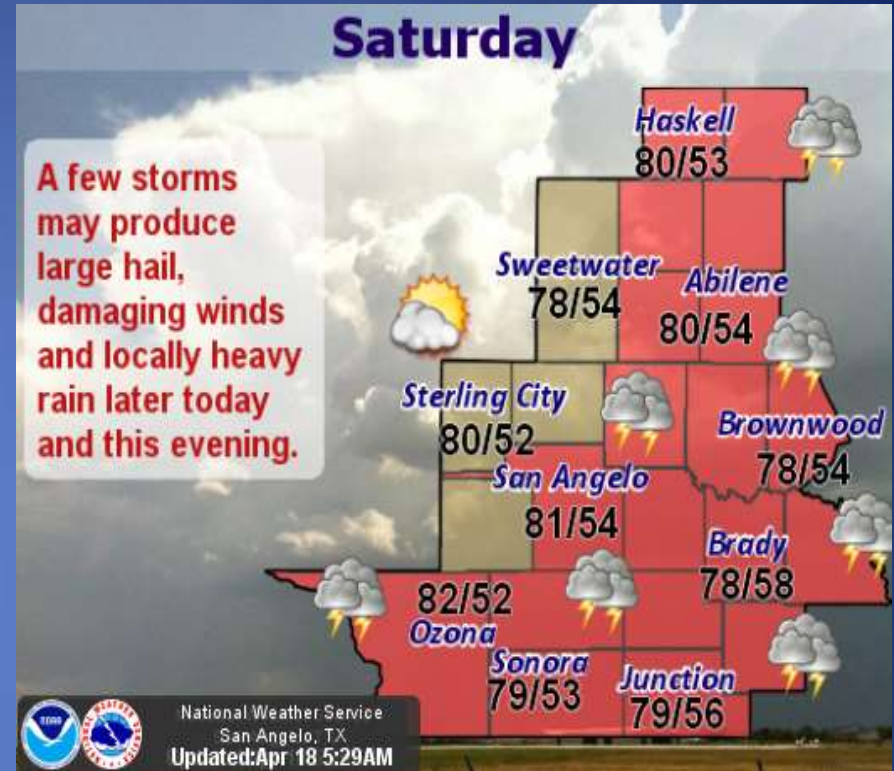
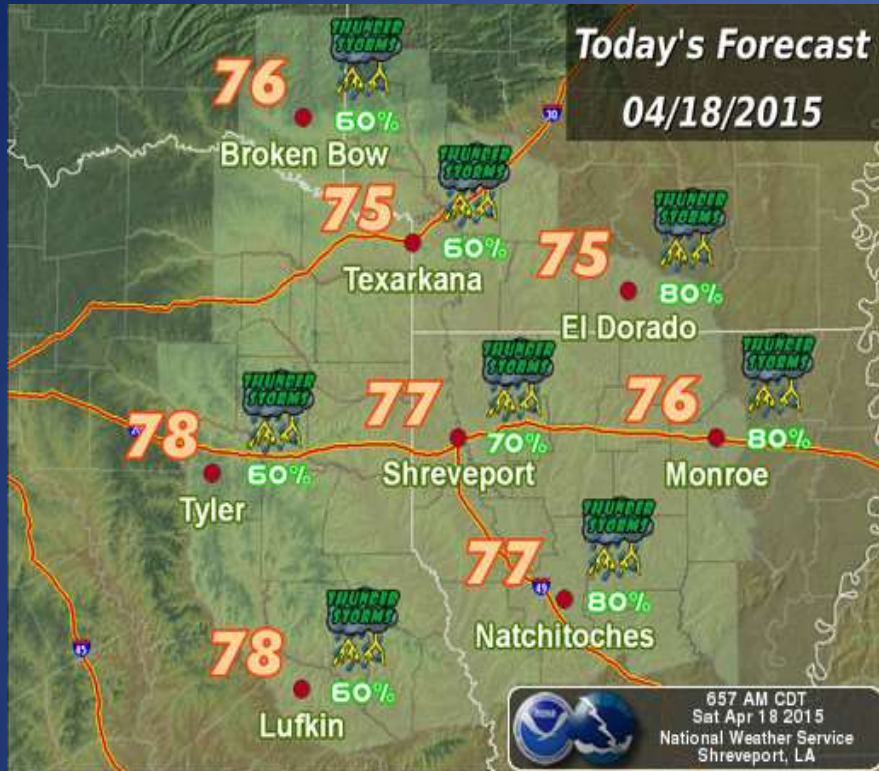


Strong to severe thunderstorms will be possible this afternoon and evening across the Far Southeast Texas Panhandle into the Eastern Rolling Plains. The main threats from this activity will be hail to the size of golf balls along with 60 mph wind gusts. Virga showers may also produce gusty winds along with dry lightning farther west across the Far Southwest Panhandle into the Northern South Plains. Drier air will filter in across the Caprock as breezy west to southwest winds take place. Temperatures will top out right around normal mainly in the 70s.



Isolated thunderstorms are possible in the Lower Trans Pecos today. Storms may reach marginally severe levels, with the main threats being hail and strong winds.

Hazardous Weather



Hazardous Weather



Additional thunderstorms will be possible across South Texas today. Some of these storms may become severe with large hail and damaging winds. Locally heavy rain may accompany the stronger storms.



There is a slight risk of severe storms for most of South-Central Texas. The main threats will be large hail and damaging winds. Locally heavy rainfall will also be possible which may lead to isolated flooding concerns. The best timing for severe weather will be in the afternoon to evening hours.

Hazardous Weather



Here is the thunderstorm outlook for today. The yellow outlined area represents the zone where conditions will be the most favorable for severe thunderstorms, including large hail and damaging winds. The white text gives the best guess for arrival/development of storms and the percentages are your overall thunderstorm chances, with the storm closest to you, your chance. The middle valley may get shut out today, with the best chances still across the upper ranchlands although that could change. The atmosphere remains unstable this morning so keep in touch!



Scattered showers and thunderstorms will be possible this afternoon as a pair of upper of upper level disturbances move toward the region. Afternoon heating combined with a weak frontal boundary near the coast and the upper level disturbances may help to create a few strong to severe thunderstorms.

Hazardous Weather



A dryline will approach North Texas this afternoon. Thunderstorms are expected to develop along the boundary. The storms will move east this afternoon and evening. Some of the storms may become severe with large hail and damaging winds. The storms should move fast enough to prevent significant flooding, but in areas where heavy rain has fallen recently, some flooding issues will be possible. Cloud-to-ground lightning will also accompany the storms. Those engaged in outdoor activities should keep abreast of the weather. Move indoors immediately if lightning is seen or thunder is heard. The activity will move into East Texas by midnight.

Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
04/17/15	Severe Thunderstorm Warning	Aransas, Austin, Brazoria, Brooks, Chambers, Dimmit, Fort Bend, Frio, Galveston, Harris, Hidalgo, Jefferson, Jim Hogg, Johnson, Karnes, Kenedy, Liberty, Matagorda, Nueces, San Patricio, Starr, Tarrant, Waller, Webb, Wharton, Zapata, and Zavala Counties
04/17/15	Significant Weather Advisory	Bandera, Bexar, Blanco, Bosque, Brazoria, Brooks, Comal, Crockett, DeWitt, Dimmit, Erath, Fayette, Fisher, Frio, Haskell, Hill, Hood, Jack, Jackson, Jefferson, Jim Hogg, Johnson, Jones, Karnes, Kendall, Kenedy, Kent, King, Kinney, Lavaca, Matagorda, Maverick, Medina, Nolan, Orange, Palo Pinto, Parker, Schleicher, Shackelford, Somervell, Stonewall, Sutton, Tarrant, Taylor, Throckmorton, Wharton, and Zavala Counties
04/17/15	Tornado Warning	Aransas, Bee, Duval, Goliad, Jim Wells, Nueces, Refugio, San Patricio, Starr, and Zapata Counties
04/17/15	Tornado Watch	Aransas, Bee, Brooks, Calhoun, Duval, Goliad, Hidalgo, Jim Wells, Live Oak, Refugio, San Patricio, Starr, Victoria, and Webb Counties

Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
04/17/15	Flood Warning	Brays Bayou at Lawndale Avenue, Harris County; Guadalupe River at Hunt, Kerr County; Keegans Bayou at Roark Road, Harris County; Mud Creek near Jacksonville, Cherokee County; San Bernard River near East Bernard affecting Austin, Fort Bend, and Wharton Counties
04/17/15	Small Stream Flood Advisory	Bandera, Dimmit, Edwards, Falls, Kerr, Kimble, Kinney, Mason, and Real Counties
04/17/15	Flash Flood Warning	Austin, Brazoria, Chambers, Falls, Fort Bend, Galveston, Harris, Jackson, Milam, Robertson, and Wharton Counties
04/17/15	Urban and Small Stream Flood Advisory	Atascosa, Bandera, Bastrop, Bexar, Blanco, Brooks, Burnet, Caldwell, Comal, Comal, Concho, Crockett, Dallas, DeWitt, Frio, Gonzales, Guadalupe, Hays, Hood, Irion, Jefferson, Jim Hogg, Johnson, Jones, Karnes, Kendall, Kerr, Lavaca, Llano, Parker, Runnels, Schleicher, Shackelford, Sutton, Tarrant, Throckmorton, Tom Green, Travis, Victoria, Williamson, and Wilson Counties

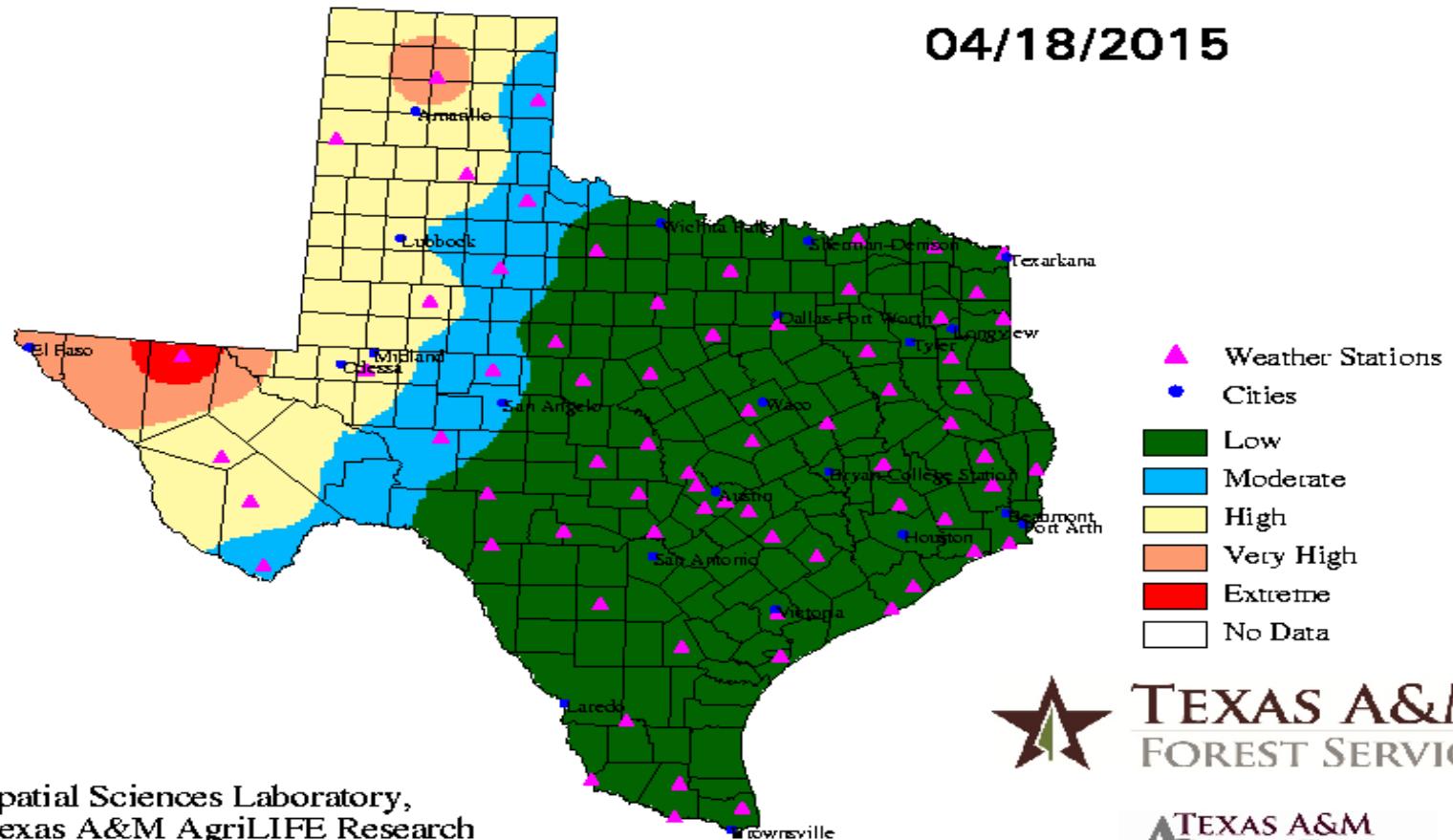
Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
04/17/15	Flood Advisory	Austin, Brazoria, Colorado, Fort Bend, Harris, Jackson, Matagorda, Travis, Waller, Washington, Wharton, and Williamson Counties
04/17/15	Arroyo and Small Stream Flood Advisory	Schleicher and Sutton Counties
04/18/15	Flood Warning	Brazoria, Fort Bend, Goliad, Hunt, Rockwall, Victoria, and Wharton Counties
04/18/15	Urban and Small Stream Advisory	Jefferson County
04/18/15	Significant Weather Advisory	Camp, Titus, and Val Verde Counties
04/18/15	Arroyo and Small Stream Flood Advisory	Zapata County

Fire Danger Forecast

Forecast Fire Danger map

04/18/2015



Spatial Sciences Laboratory,
Texas A&M AgriLIFE Research
<http://www-ssl.tamu.edu>



TEXAS A&M
FOREST SERVICE

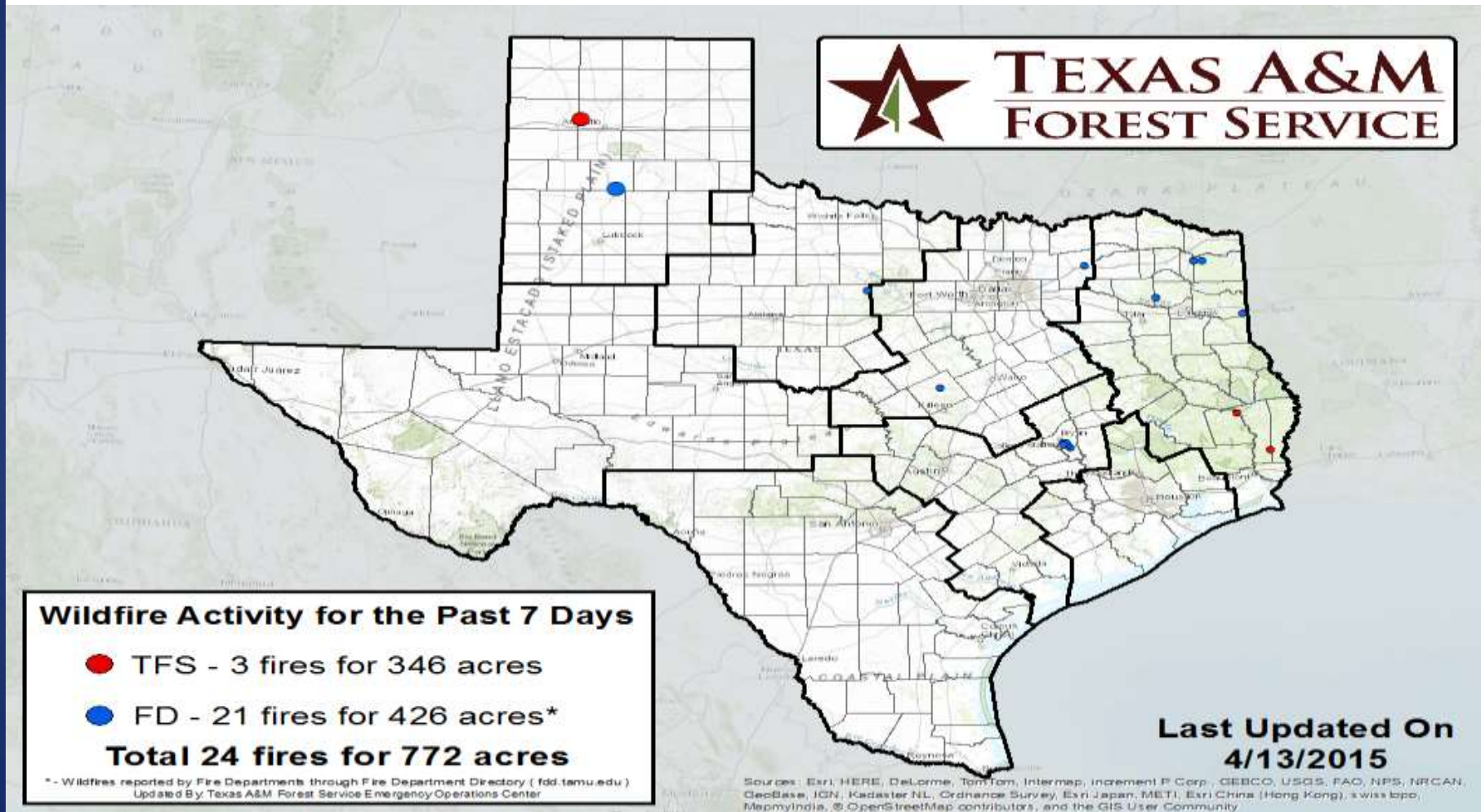
TEXAS A&M
AGRI LIFE
RESEARCH

Fire Weather Warnings/Watches/Statements

DATE	WARNING TYPE	LOCATION
04/17/15	Red Flag Warning	Guadalupe Mountains, Culberson, Hudspeth, Jeff Davis, Loving, and Reeves Counties

Fire Activity (*Last 24 Hours)

Reports 159 (no change) fires and 6,675 (no change) acres destroyed this year. There are 26 (-1) counties with burn bans. The Keetch-Byram Drought Index list 5 (-3) counties with an average over 400.



Training

DATES		TITLE	COURSE	LOCATION
04/12/15	04/18/15	Hospital Emergency Response Training for Mass Casualty Incidents (HERT) and Hands-On Training for CBRNE Incidents (HOT) (Program NN)	PER-902 & PER-262	Anniston, AL
04/12/15	04/18/15	Emergency Responder Hazardous Materials Technician for CBRNE Incidents (ERHM) (Program H)	PER-272	Anniston, AL
04/12/15	04/18/15	Instructor Training Certification Process (ITC) (Program F)	PER-266	Anniston, AL
04/13/15	04/25/15	HazMat Technician – Texas Commission on Fire Protection (TCFP) Certification	H-500	Harlingen
04/13/15	04/18/15	Vehicle-Borne Improvised Explosive Device Detection (VBIED); Field Force Command and Planning (FFD) (Program AH)	CDP-003-14; MGT-300	Anniston, AL
04/17/15	04/22/15	Technical Emergency Response Training for CBRNE Incidents (TERT) (Program B)	PER-260	Anniston, AL

Statewide Significant Events

DATE(S)		LOCATION	EVENT
04/10/15	04/19/15	Conroe	The Montgomery County Fair and Rodeo
04/17/15	04/19/15	Houston	Houston Astros MLB Baseball